

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazama, Toshio

Assignee: NHK Spring Co., Ltd.

Title: Electroconductive Contact Unit Assembly

Serial No.: 09/743,536

Int'l App. Filing Date: July 9, 1999

Examiner: Nguyen, Vinh P.

Group Art Unit: 2829

Docket No.: AB-1101 US

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

The above-identified assignee, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Customer No. 32605

Please address all correspondence and telephone calls regarding this application to:

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ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application/patent by virtue of a chain of title from the inventor(s) of the above-identified patent application/patent to the above-identified assignee as shown below:

1. From: Kazama, Toshio To: NHK Spring Co., Ltd.

The document was recorded in the United States Patent and Trademark Office at Reel 011633, Frame 0686. A copy of the document is attached.

The document was submitted to the Patent and Trademark Office for recordation on _____ . A copy of the document is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: October 30, 2002

By: Koji Kawamura
(Signature)

Name: Koji KAWAMURA
(Printed or Typed Name)

Title: Executive Vice President



AB-1101 VS

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JUNE 06, 2001

SKJERVEN MORRILL MACPHERSON LLP
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JUN 12 2001

SKJERVEN, MORRILL, MACPHERSON,

UNITED STATES PATENT AND TRADEMARK OFFICE
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/19/2001

REEL/FRAME: 011633/0686

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KAZAMA, TOSHIO

DOC DATE: 01/25/2001

ASSIGNEE:

NHK SPRING CO., LTD.
10, FUKUURA 3-CHOME, KANAZAWA-KU,
YOKOHAMA-SHI
KANAGAWA, JAPAN

SERIAL NUMBER: 09743536
PATENT NUMBER:

FILING DATE: 03/14/2001
ISSUE DATE:

ATTORNEY: AHM

App. Status: 7-9-01
Att. Date: 9-14-01
Priority: 11-28-01

FILE Petition 8-6-01

Assignment

For good and valuable consideration, receipt of which is hereby acknowledged, I

Toshio KAZAMA, c/o NHK SPRING CO., LTD., 3131 Miyadamura, Kamiina-gun,
Nagano 399-4301 JAPAN

hereby sell, assign and transfer to NHK SPRING CO., LTD., a Japanese corporation, having a place of business at 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa, JAPAN, its successors and assignees, the entire right, title and interest throughout the world in our invention in

" ELECTROCONDUCTIVE CONTACT UNIT ASSEMBLY "

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 25th day of January, 2001.

Toshio Kazama

Toshio KAZAMA

DEC 16 2002

04-04-2001

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

REC'D 3-19-01

101667661

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

(a) Kazama, Toshio
 (b)
 (c)

Additional name(s) of conveying party(ies) attached?

 Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 25, 2001

2. Name and address of receiving party(ies):

Name: NHK SPRING CO., LTD.

Address: 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi,
Kanagawa, Japan

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) - 09/743,536

Title: Electroconductive Contact Unit Assembly

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Alan H. MacPherson

Internal Address: SKJERVEN MORRILL MacPHERSON LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA Zip 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Authorized to be charged to Deposit Account 19-2386
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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Alan H. MacPherson
Name of Person Signing

24,423

Signature

March 14, 2001
Date

Total number of pages comprising cover sheet: 2

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